

Supplementary Materials

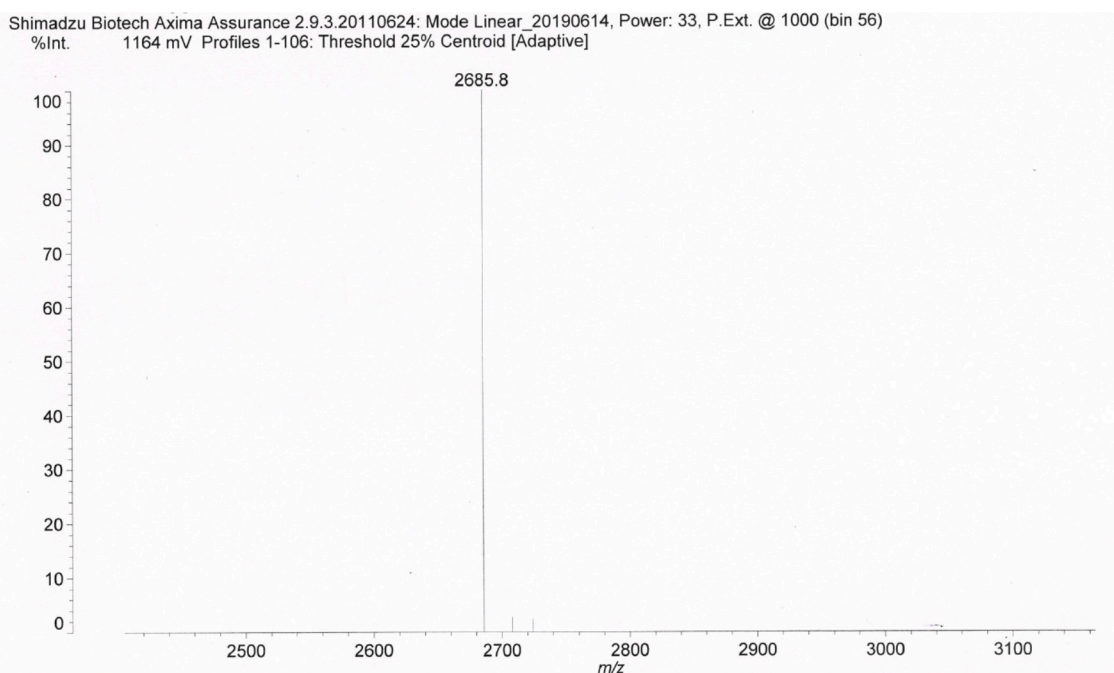


Figure S1. Mass data of pseudin-2.

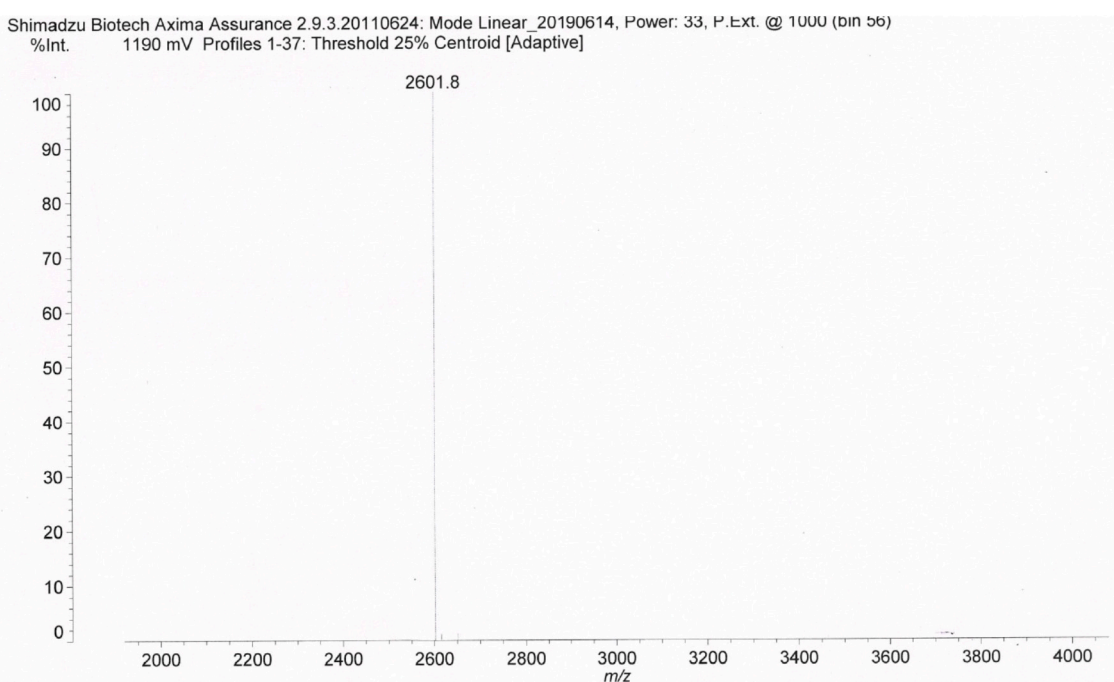


Figure S2. Mass data of P2-LZ1.

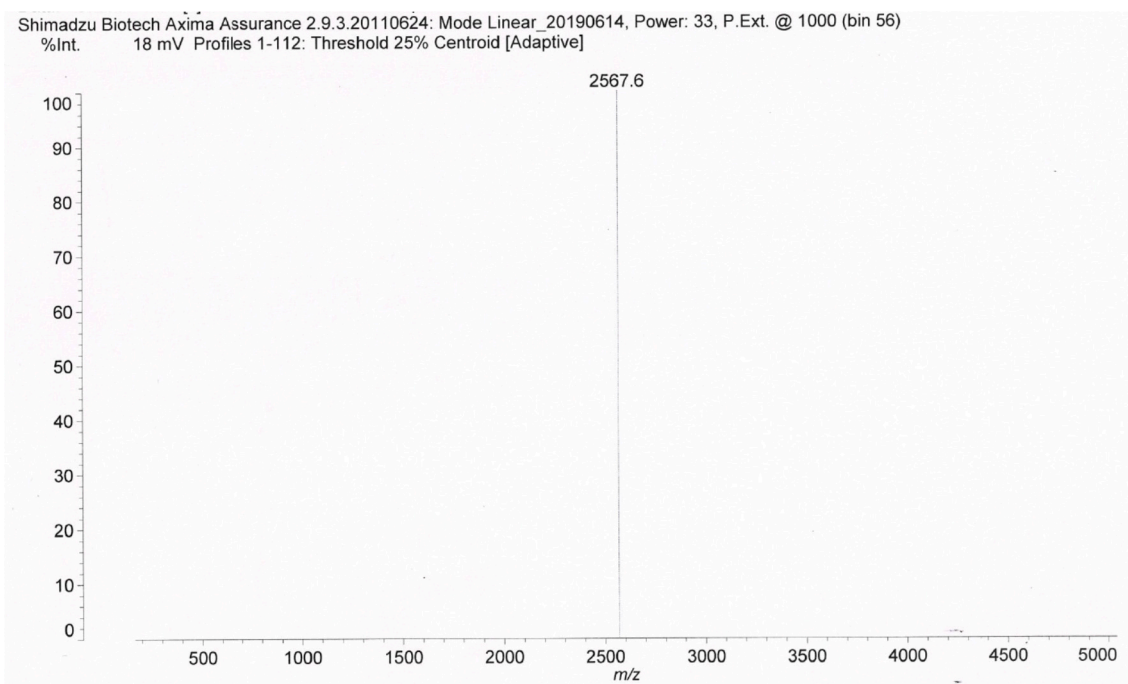


Figure S3. Mass data of P2-LZ2.

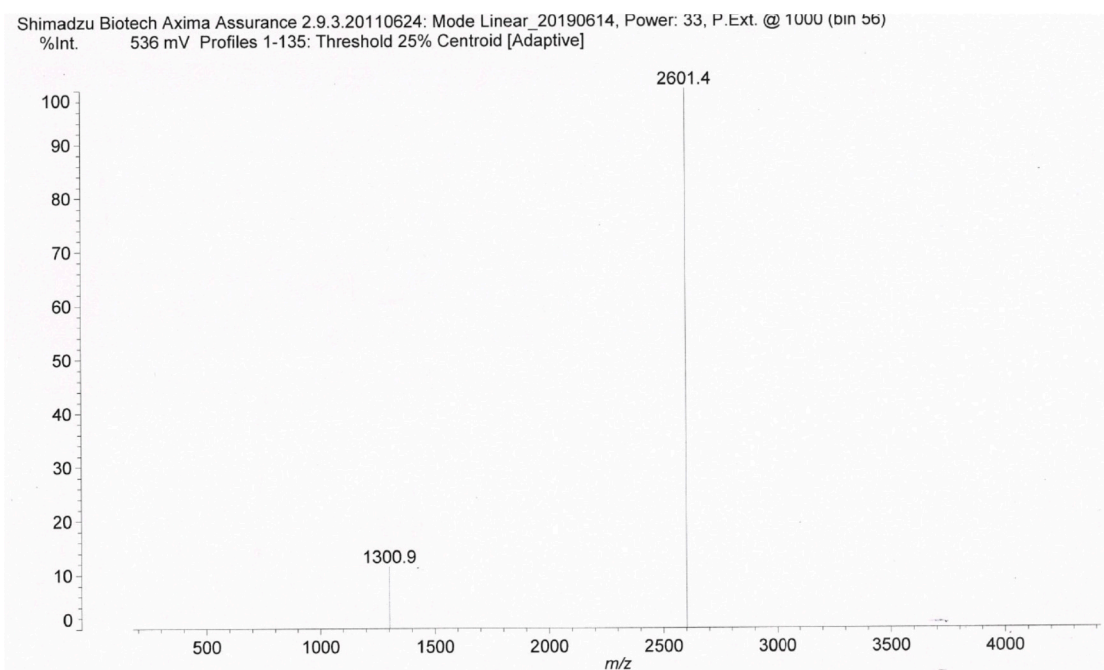


Figure S4. Mass data of P2-LZ3.

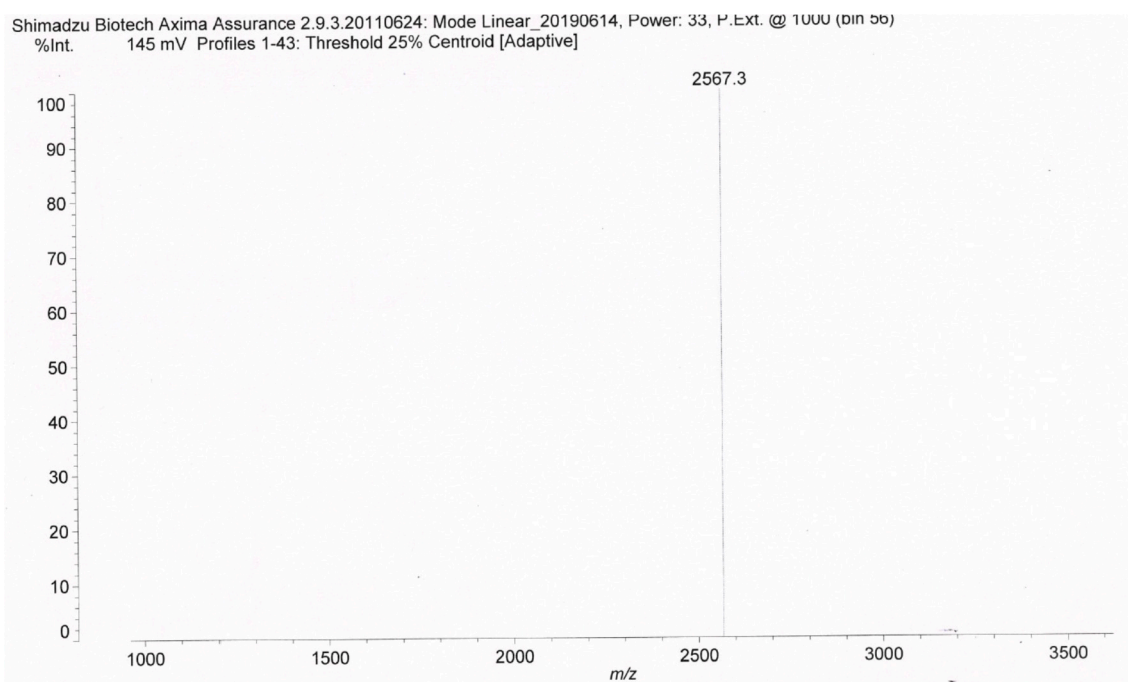


Figure S5. Mass data of P2-LZ4.

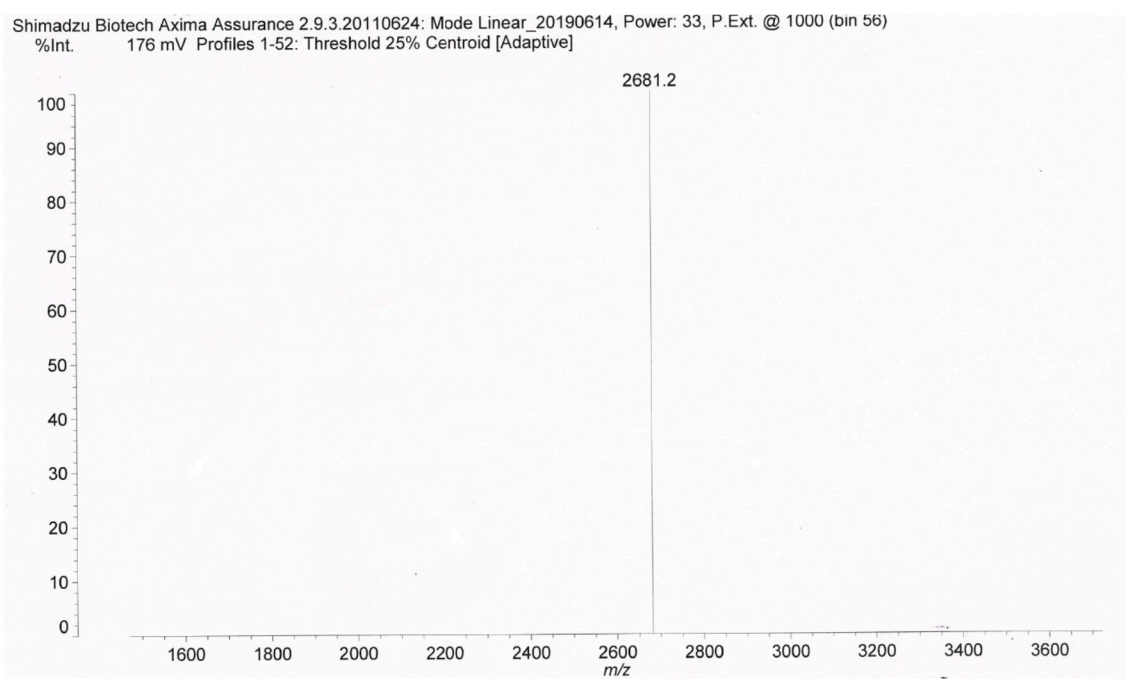


Figure S6. P2-LZ5.

HPLC data

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\B1-2.lcd
Acquired by : Admin
Sample Name : Pseudin-2(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : B1-2.lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
Data Acquired : 2020-12-01 오후 9:23:05
Data Processed : 2020-12-01 오후 10:38:08

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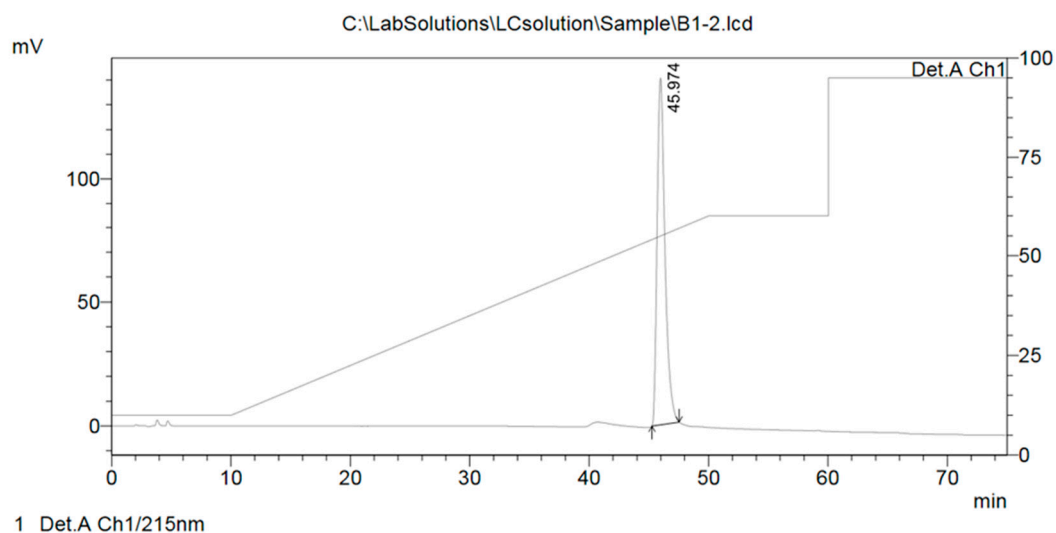


Figure S7. HPLC profile of pseudin-2.

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\P2-LZ1(1).lcd
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Sample Name : P2-LZ1(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : P2-LZ1(1).lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
Data Acquired : 2020-11-26 오후 11:26:54
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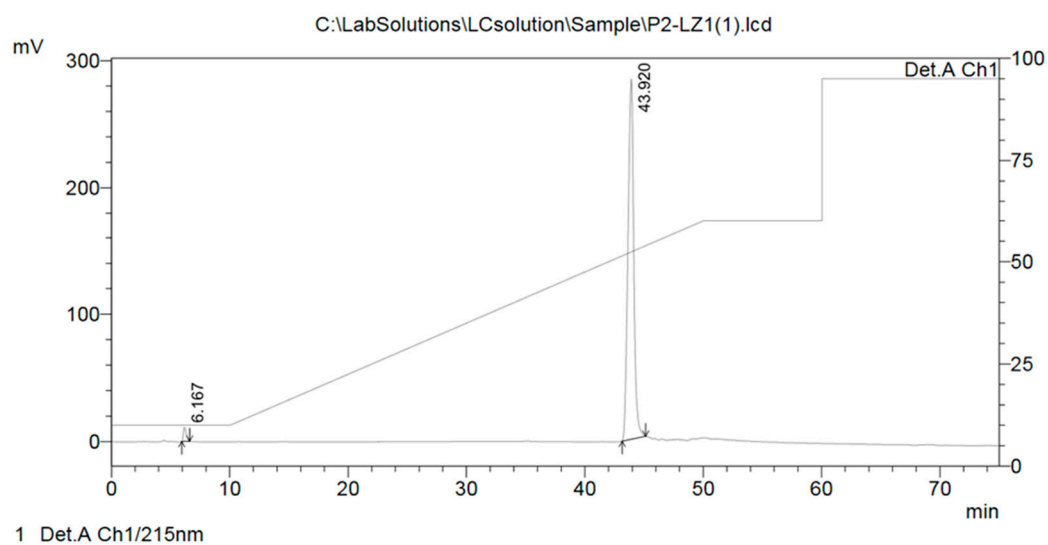


Figure S8. HPLC profile of P2-LZ1.

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\P2-LZ2(1).lcd
Acquired by : Admin
Sample Name : P2-LZ2(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : P2-LZ2(1).lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
Data Acquired : 2020-11-27 오전 1:21:01
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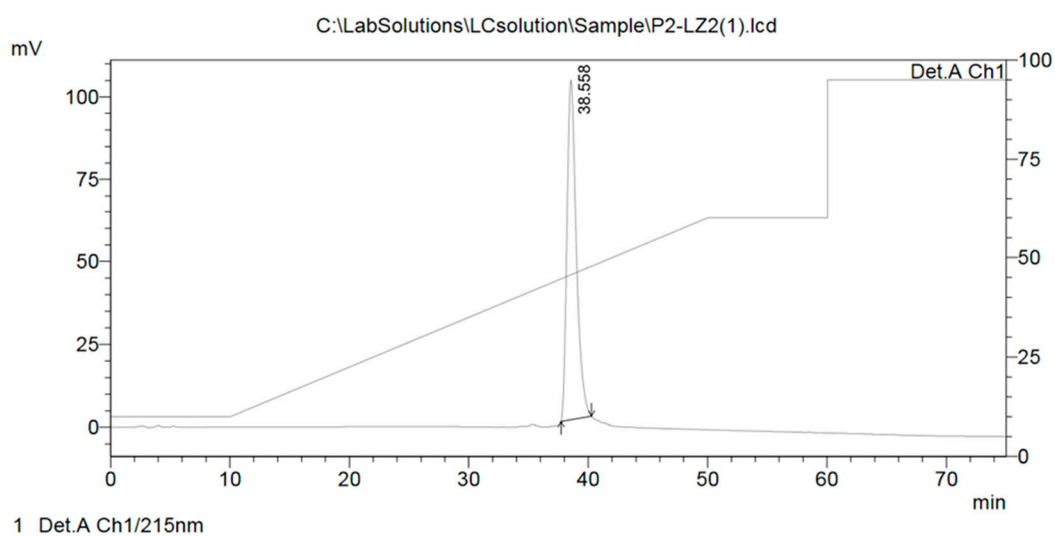
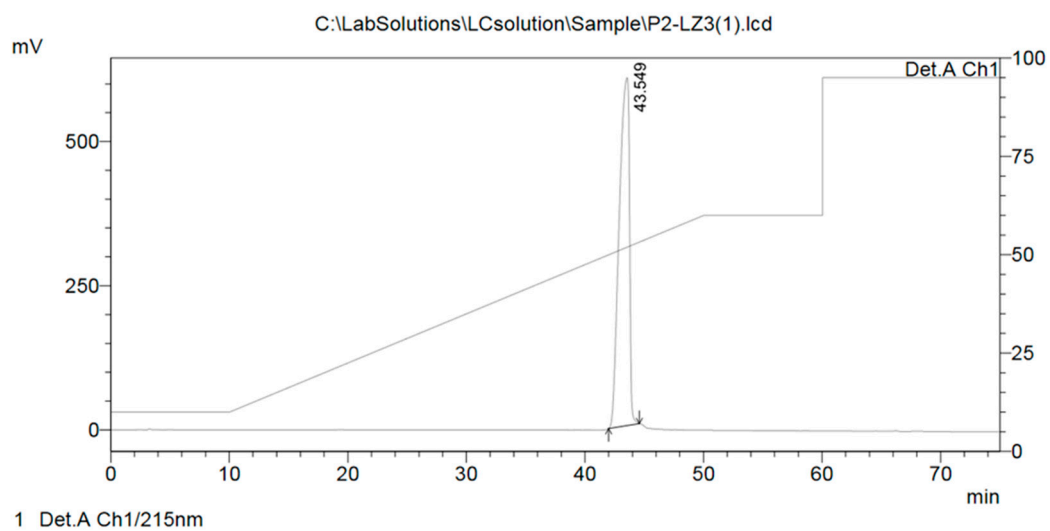


Figure S9. HPLC profile of P2-LZ2

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\P2-LZ3(1).lcd
Acquired by : Admin
Sample Name : P2-LZ3(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : P2-LZ3(1).lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
Data Acquired : 2020-11-28 오전 3:31:08
Data Processed : 2020-11-28 오전 4:46:09

<Chromatogram>

**Figure S10.** HPLC profile of P2-LZ3

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\P2-LZ4(1).lcd
Acquired by : Admin
Sample Name : P2-LZ4(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : P2-LZ4(1).lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
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Data Processed : 2020-11-27 오후 11:08:38

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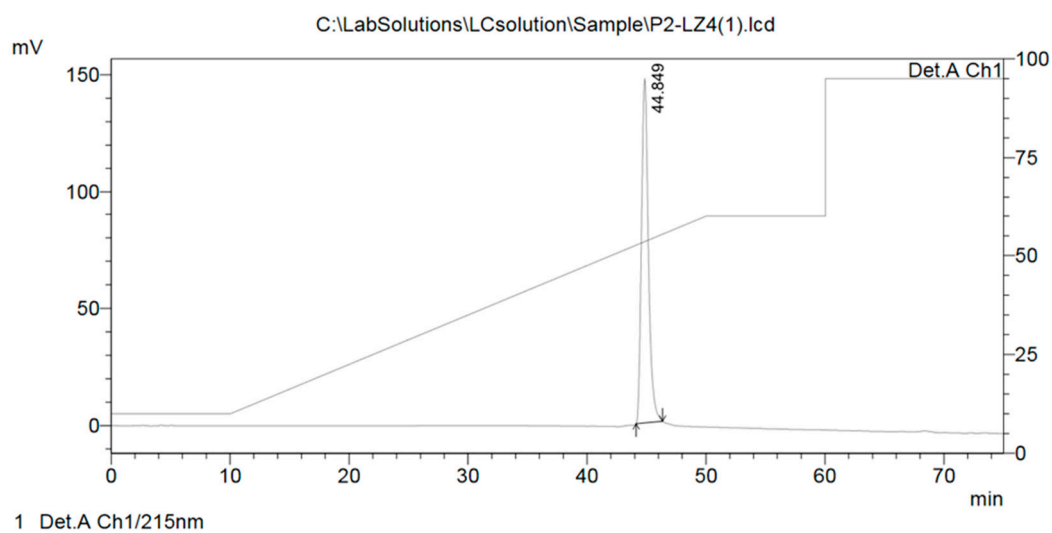
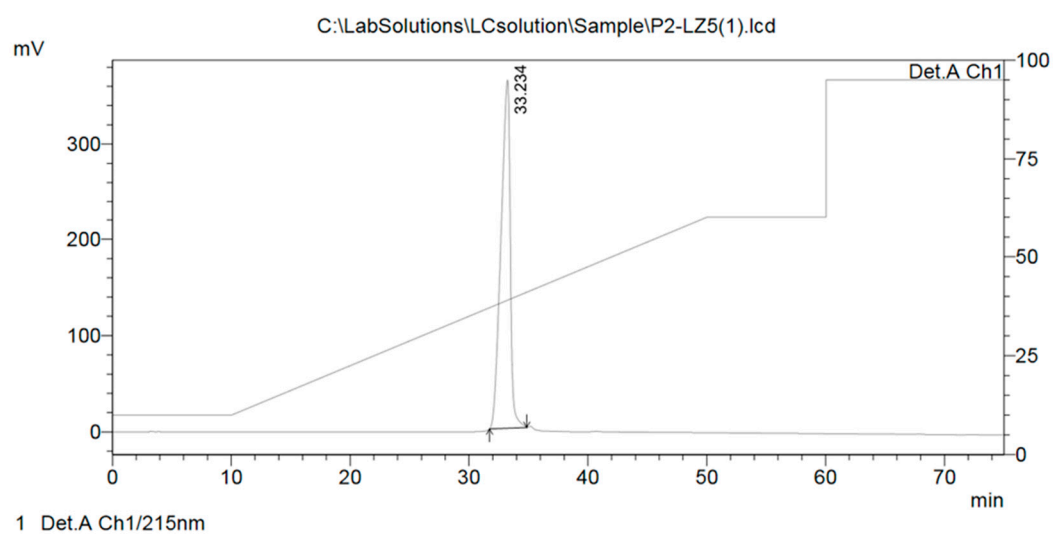


Figure S11. HPLC profile of P2-LZ4

==== Shimadzu LCsolution Analysis Report ====

C:\LabSolutions\LCsolution\Sample\P2-LZ5(1).lcd
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Sample Name : P2-LZ5(1)
Sample ID : 1
Vial # :
Injection Volume : 20 uL
Data File Name : P2-LZ5(1).lcd
Method File Name : SCPark-peptide method1.lcm
Batch File Name :
Report File Name : Default.lcr
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**Figure S12.** HPLC profile of P2-LZ5

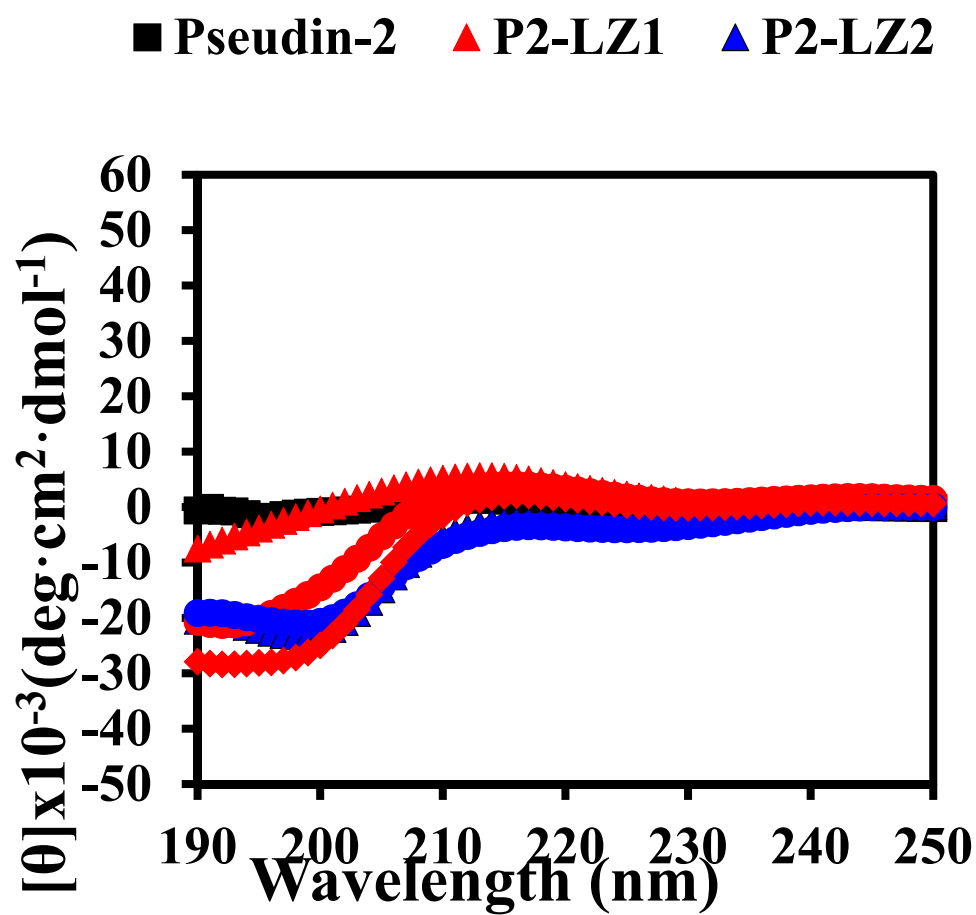


Figure S13. CD spectra of peptides in 10 mM sodium phosphate buffer (pH 7.2).